| | RRRRRRRR | UUU | UUU | NNN NNN | NNN NNN | | 0000000 | FFFFFFFFFFFFF | FFFFFFFFFFFFFF |
|-------|----------|----------|---------|------------|------------|-----|---------|----------------------|----------------|
| | RRRRRRRR | UUU | ŬŬŬ | NNN | NNN | | 0000000 | FFFFFFFFFFFFF | FFFFFFFFFFFF |
| RRR | RRR | UUU | ÜÜÜ | NNN | NNN | 000 | 000 | FFF | FFF |
| RRR | RRR | UUU | UUU | NNN | NNN | 000 | 000 | FFF | FFF |
| RRR | RRR | ÜÜÜ | ŬŬŬ | NNN | NNN | 000 | 000 | FFF | FFF |
| RRR | RRR | UUU | UUU | NNNN | | 000 | 000 | FFF | FFF |
| RRR | RRR | UUU | UUU | NNNN | | 000 | 000 | FFF | FFF |
| RRR | RRR | UUU | UUU | NNNN | | 000 | 000 | FFF | FFF |
| RRRRI | RRRRRRRR | UUU | UUU | NNN | NNN NNN | 000 | 000 | FFFFFFFFFF | FFFFFFFFFF |
| RRRR | RRRRRRRR | UUU | UUU | NNN | NNN NNN | 000 | 000 | FFFFFFFFFF | FFFFFFFFFF |
| RRRRI | RRRRRRRR | UUU | UUU | NNN | NNN NNN | 000 | 000 | FFFFFFFFFF | FFFFFFFFFF |
| RRR | RRR | UUU | UUU | NNN | NNNNNN | 000 | 000 | FFF | FFF |
| RRR | RRR | UUU | UUU | NNN | NNNNNN | 000 | 000 | FFF | FFF |
| RRR | RRR | UUU | UUU | NNN | NNNNNN | 000 | 000 | FFF | FFF |
| RRR | RRR | UUU | UUU | NNN | NNN | 000 | 000 | FFF | FFF |
| RRR | RRR | UUU | UUU | NNN | NNN | 000 | 000 | FFF | FFF |
| RRR | RRR | UUU | UUU | NNN | NNN | 000 | 000 | FFF | FFF |
| RRR | RRR | UUUUUUUU | | NNN | NNN | | 0000000 | FFF | FFF |
| RRR | RRR | UUUUUUUU | | NNN | NNH | | 0000000 | FFF | FFF |
| RRR | RRR | UUUUUUUU | UUUUUUU | NNN | NNN | 000 | 0000000 | FFF | FFF |

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| | | \$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$ \$\$ | | | | |

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| 0011X1 V04-000 | Revision History | D 14 16-Sep-1984 01:23:16 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 13:07:34 [RUNOFF.SRCJOUTTXT.BLI;1 | Page (2) |
|--|--|--|----------|
| 43 445 445 447 489 551 553 54 | 0042 1 %SBTTL 'Revisi 0043 1 0044 1 MODIFIED BY: 0045 1 0046 1 007 0047 1 0048 1 0049 1 006 0050 1 0051 1 0052 1 | [12] [14] [15] [15] [15] [15] [15] [15] [15] [15 | |

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16-Sep-1984 01:23:16
14-Sep-1984 13:07:34
OUTTXT
V04-000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      VAX-11 Bliss-32 V4.0-742 [RUNOFF.SRC]OUTTXT.BLI;1
                                                                                      Module Level Declarations
                                                                         005567
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                                                                                                                                %SBTTL 'Module Level Declarations'
                    TABLE OF CONTENTS:
                                                                                                                                         INCLUDE FILES:
                                                                                                                                LIBRARY 'NXPORT: XPORT'; REQUIRE 'REQ:RNODEF';
                                                                                                                                                                                                                                                                                                                                                      ! XPORT Library ! RUNOFF variant definitions
                                                                                                                              XIF DSRPLUS XTHEN
LIBRARY 'REQ:DPLLIB';
XELSE
                                                                                                                                                                                                                                                                                                                                                     ! DSRPLUS BLISS Library
                                                                                                                               LIBRARY 'REQ:DSRLIB';
                                                                                                                                                                                                                                                                                                                                                    ! DSR BLISS Library
                                                                                                                                          MACROS:
                                                                                                                                          EQUATED SYMBOLS:
                                                                                                                               EXTERNAL LITERAL
RINTES : UNSIGNED(8);
                                                                                                                                          OWN STORAGE:
                                                                                                                                                    PP_SCA : $H_R_SCA_BLOCK;
                                                                                                                                                                                                                                                                                             !Used in PUSH_SCA, POP_SCA macros (defined in SCA.REQ).
                                                                                                                                        EXTERNAL REFERENCES:
                                                                                                                              EXTERNAL
                                                                                                                                                     MRA : REF FIXED STRING,
SCA : SCA DEFINITION,
TSF : TSF_DEFINITION;
                                                                                                                              EXTERNAL ROUTINE ENDCHR, OUTNJ;
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0UTTXT
V04-000
                                                                                                                   16-Sep-1984 01:23:16
14-Sep-1984 13:07:34
                                                                                                                                                              VAX-11 Bliss-32 V4.0-742 
ERUNOFF.SRCJOUTTXT.BLI;1
                                                                                                                                                                                                                                Page
                                                                                                                                                                                                                                         (4)
                             Module Level Declarations
                                                  INCR I FROM SCA_SAVE_END +1 TO SCA_SIZE -1 DO SCA[.I] = 0;
SCA_CC_OK = 0;
SCA_KER = 0;
SCA_AUTOTITLE = 0;
                            158
161
163
164
166
167
167
177
178
178
183
184
186
187
                                                 !Initialize SCA.
SCA_FC_CASE = TRUE;
SCA_RM = 150;
SCA_LM = 0;
SCA_SPACING = 1;
SCA_FC = TRUE;
SCA_FILL = TRUE;
SCA_JUSTIFY = TRUE;
SCA_USTIFY = TRUE;
SCA_CROCK = TRUE;
SCA_WRD_PNTR = .FS_START (MRA);
SCA_WRD_CPEND = RINTES;
!Set_change-bar_character(s) to space.
SCA_BAR_CHAR = %C' ';
SCA_WRD_BAR_CHR = %C' ';
                                                  PTR = .TEXT_PTR;
                                                  INCR I FROM 1 TO .TEXT_LENGTH DO ENDCHR (CH$RCHAR_A (PTR));
                                                  !Center the text
TSF_ADJUST = MAX ((.CENTERED - .TEXT_LENGTH)/2, 0);
                                                  !Output the line containing the centered text. OUTNJ ();
     188
189
190
191
192
193
                                                  !Restore original SCA
INCR I FROM 0 TO SCA_SIZE - 1 DO SCA[.I] = .HOLD_SCA[.I];
                                                  POP_SCA;
                                                                        !Restore the SAVEd SCA bits.
                                                  !Restore original MRA
MRA = .HOLD_MRA;
     194
195
     196
197
                                                   !Restore original TSF
                                                  TSF = .HOLD_TSF;
     198
                                                  END:
                                                                                                                                  !End of OUTTXT
                                                                                                                                      .TITLE
                                                                                                                                                   OUTTXT
                                                                                                                                      . IDENT
                                                                                                                                                   \V04-000\
                                                                                                                                      .PSECT $OWN$, NOEXE, 2
                                                                                                            00000 PP_SCA: .BLKB
                                                                                                                                      .EXTRN
                                                                                                                                                   RINTES, MRA, SCA
TSF, ENDCHR, OUTNJ
                                                                                                                                      .EXTRN
                                                                                                                                      .PSECT $CODE$, NOWRT, 2
                                                                                                                                                                                                                                   : 0228
                                                                                                   03FC 00000
                                                                                                                                     .ENTRY OUTTXT, Save R2,R3,R4,R5,R6,R7,R8,R9
```

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| 04-000 | Module Level | Declarations | | 16: | 14 Sep-1984 01:23 Sep-1984 13:07 | :16 VAX-11 Bliss-32 V4 :34 CRUNOFF.SRCJOUTTXT | .0-742 .BLI;1 | Page (4) |
|--------|--------------|---|---|---|---|---|------------------|--|
| | | 59 58 57 56 5E | PR46 6P | 9E 000017 9E 000017 9E 000013 9E 000013 9E 000028 9E 000033 9E 000033 9E 000033 9E 000033 9E 00003 9E 00004 9E 00006 9E 0006 9E 00 | MOVAB MOVAB MOVAB MOVAB MOVL BRB | MRA, R9 TSF, R8 PP_SCA, R7 SCA, R6 -660(SP), SP TSF, HOLD_TSF | | 026 |
| | F9 | 50 68 50 | 27 6E | F3 00028 9E 0002F | S: CLRL AOBLEQ MOVAB | TEMP_TSF[I] #39, I, 1\$ TEMP_TSF, TSF TSF, RO #32, 28(RO) MRA, HOLD MRA #100, TEMP MRA+8 TEMP_MRA+12 TEMP_MRA+16, TEMP_MRA TEMP_MRA, TEMP_MRA+4 TEMP_MRA, MRA asca+100, PP_sca+4 asca+104, PP_sca+4 asca+104, PP_sca+12 asca+112, PP_sca+12 asca+120, PP_sca+20 asca+124, PP_sca+24 asca+128, PP_sca+24 asca+128, PP_sca+24 asca+132, PP_sca+24 asca+132, PP_sca+36 asca+144, PP_sca+44 | | 0268 |
| | | 1C A0 | 68 | DO 00032 DO 00035 | MOVL | TSF, RO #32, 28(RO) | | |
| | | 00A8 CE | 64 8F | DO 00039 9A 0003C D4 00042 9E 00046 | MOVZBL | MRA, HOLD MRA #100, TEMP MRA+8 | | 0270 0271 0271 0270 |
| | | 00A0 CE 00A4 CE | 0080 CE | 9E 00046 | MOVAB | TEMP_MRA+16, TEMP_MRA TEMP_MRA, TEMP_MRA+4 | | 0270 |
| | | 69 | 00A0 CE 64 B6 | 9E 00054 DO 00059 | MOVAB MOVL | TEMP_MRA, MRA asca=100, PP_sca | | 027 |
| | | 04 A7 08 A7 0C A7 10 A7 | 00AC CE 00BO CE 00AO CE 00AO CE 00AO CE 64 B6 68 B6 6C B6 70 B6 74 B6 78 B6 | DO 0004D 9E 00054 DO 00059 DO 00062 DO 00067 DO 00060 | MOVL MOVL | asca+104, PP_sca+4 asca+108, PP_sca+8 asca+112, PP_sca+12 | | |
| | | 10 A7 | 74 B6 78 B6 | DO 0006C DO 00071 DO 00076 | MOVL | asca+116, PP_sca+16 asca+120, PP_sca+20 | | |
| | | 18 A7 | 7C B6 | DO 00076 DO 0007B | MOVL | asca+124, PP_sca+24 asca+128, PP_sca+28 | | |
| | | 1C A7 20 A7 24 A7 28 A7 20 A7 | 0080 D6 0084 D6 0088 D6 008C D6 0090 D6 | DO 00081 DO 00087 DO 0008D | MCVL MOVL | asca+136, PP_sca+36 asca+140, PP_sca+40 | | |
| | | | 0090 D6 | DO 00093 D4 00099 DO 0009B 2 F3 000A2 | MOVL | asca+144, PP_SCA+44 | | 028 |
| | F1 | 0114 CE40 50 | | F3 000A2 | S: MOVL AOBLEQ CLRL | #95. I. 2\$ | | 0284 |
| | F9 | 50 50 | 6640 | D4 000AC 3 | SS: CLRL | \$CA[1] #24, I, 3\$ | | |
| | F5 | 50 | 0000005F 8F | DO 000B3 D4 000B6 | S: CLRL | SCACIJ MOSTI 48 | | 028 |
| | , | ,,, | 6C B6 0084 D6 008C D6 | 04 000C1 04 000C4 | CLRL | ascá+108 asca+132 | | 028 |
| | | 00D0 C6 78 B6 | 01 | D4 000AA D4 000AC F3 000B3 D4 000B6 F3 000B9 D4 000C1 D4 000C8 D0 000CC 9A 000D1 D4 000D6 D0 000D9 | MOVL | asca+140 #1, sca+208 | | 0286 0286 0297 0297 0297 0297 0297 0297 0297 0297 |
| | | | 96 8F 74 86 | 04 000D6 | CLRL | asca+120 #1. asca+124 | | 029 |
| | | 7C 86 0094 C6 68 86 64 86 70 86 | 01 01 | DO 000ES | MOVL | #1. SCA+148 #1. ascA+104 | | 029 |
| | | 70 B6 | 01 | DO 000EA | MOVL MOVL | #1, @SCA+100 #1, @SCA+112 @MDA STA+248 | | 029 |
| | | 7C B6 0094 C6 68 B6 64 B6 70 B6 00F8 C6 0118 C6 0088 D6 0114 C6 | 00 B9 00G 8F 20 | 9A 000F4 DO 000FA | MOVZBL | #RINTES, SCA+280 #32, asca+136 | | 030 |
| | | 0114 66 | 01 01 01 00 00 8F 20 20 20 4 AC 52 | DO 000E2 DO 000E6 DO 000EA DO 000EE 9A 000FA DO 000FF DO 00104 D4 00108 | MOVL | I SCA[I] #24, I, 3\$ #37, I SCA[I] #95, I, 4\$ aSCA+108 aSCA+132 aSCA+140 #1, SCA+208 #150, aSCA+120 aSCA+116 #1, aSCA+104 #1, aSCA+104 #1, aSCA+104 #1, aSCA+100 #1, aSCA+112 aMRA, SCA+248 #RINTES, SCA+248 #RINTES, SCA+280 #32, aSCA+136 #32, SCA+276 TEXT_PTR, PTR | | : 030 |
| | | ,, | 52 0A | 04 00108 11 0010A | CLRL BRB | 6\$ | | 630 |

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| 0UTTXT V04-000 | I 14 16-Sep-1984 01:23:16 VAX-11 Bliss-32 V4.0-742 Module Level Declarations 14-Sep-1984 13:07:34 [RUNOFF.SRCJOUTIXT.BLI;1] | Page 7 |
|-------------------------|---|--------------------------------------|
| | 000000000 | 0308 |
| | The content of the | 0313 0316 0321 0324 0326 |
| ; Routine Size | | , 0520 |
| ; 200 ; 201 ; 202 | 0327 1 0328 1 END 0329 0 ELUDOM !End of module | |
| | PSECT SUMMARY | |

Name

Bytes

Attributes

SOWNS SCODES 48 NOVEC, WRT, RD , NOEXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2) 398 NOVEC, NOWRT, RD , EXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2)

Library Statistics

File Total Loaded Percent Mapped Time

\$255\$DUA28:[SYSLIB]XPORT.L32;1 590 0 0 252 00:00.1

OUTTXT V04-000 VAX-11 Bliss-32 V4.0-742 CRUNOFF.SRCJOUTTXT.BLI:1 (4) Module Level Declarations : _\$255\$DUA28:[RUNOFF.SRC]DSRLIB.L32:1 1248 53 86 00:00.3 COMMAND QUALIFIERS BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/LIS=LIS\$:OUTTXT/OBJ=OBJ\$:OUTTXT MSRC\$:OUTTXT/UPDATE=(ENH\$:OUTTXT)

; Size: 398 code + 48 data bytes ; Run Time: 00:11.8 ; Elapsed Time: 00:26.9 ; Lines/CPU Min: 1670 ; Lexemes/CPU-Min: 16406 ; Memory Used: 94 pages ; Compilation Complete

0346 AH-BT13A-SE

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